ABSTRACT

A servo method for an optical recording medium for detecting a tracking error signal by a push-pull method is disclosed. Before a servo operation, an amount of DC offset per track is obtained as an object lens of an optical pickup is moved in a specified direction, and a tracking servo is performed by compensating for a tracking error signal based on an initial amount of DC offset obtained by multiplying the amount of DC offset generated per track by the number of jumped tracks when the object lens is shifted. After movement of a sled by driving a sled servo, a sled servo is performed by compensating for the tracking error signal based on a value obtained by subtracting an amount of sled movement from the initial amount of DC offset, and thus an optical beam can always follow a track center even when the DC offset is generated in the tracking error signal.